

HISTOPATHOLOGY CASSETTE PRINTER SPECIFICATIONS

1. General: The cassette printer must be capable of printing at least two lines of legible text or a barcode on each cassette that is resistant to processing chemicals and must fit on a bench top.
2. Power supply: 120V/60HZ
3. Cassette Throughput: up to 15 cassettes per minute
4. Printing Angle: Must be able to accommodate different cassette styles with 35 or 45 degree face angles
5. Cassette Magazine: The printer must have at least 6 cassette magazines capable of holding up to 80 cassettes with an external cassette magazine holder for loading tissue cassettes into the magazines
6. Printing Modes: Single cassette and serial printing modes
7. Print Resolution: up to 360 dpi
8. Printer Output: The printed cassettes must be output in an ordered manner onto trays or racks either as an integral part of the printer or as an attachment to the printer
9. Audible Alarm: The printer must have an audible alarm to indicate when a cassette magazine is empty or the output rack/tray is full.
10. PC Interface: The printer must have a serial port or a USB interface port so that it can be controlled by a desktop or laptop personal computer.
11. Software: The software to operate the cassette printer must be included, must be customizable and run on an IBM compatible computer using Microsoft Windows as an operating system. Additionally the software must allow operators to select which cassette magazine to print from for each cassette or serial group of cassettes and automatically advance to another cassette magazine containing the same type/color of cassettes when necessary.
12. Status Indicators: The printer must have status indicators for Power, Online with computer, Error messages, Magazine Status and Ink status
13. Environmental Conditions: The printer must be operable in a temperature range of 60 to 95 degrees F and relative humidity up to 80%.
14. Warranty: The cassette printer must have a minimum one year warranty including labor and transportation/travel associated with repair of the instrument.

15. Other: The price quoted is to include the cassette printer and all attachments and/or accessories necessary to meet the above specifications, instrument setup and operators manual and shipping.